

# CLAIMS

1. A system for individually adapted interactive training, knowledge main-  
 5 tenance and for offering knowledge support, said system including:  
 - an apparatus comprising means representing a software-based service, said  
 apparatus being arranged in a  
 - communications network, to which a user can connect by means of a  
 - user terminal in order to utilise said service, and to which apparatus a  
 10 - first database can be connected, said database being arranged for storage of data  
 relating to said service, **characterised** by said apparatus comprising processing  
 means devised to process and convey data from the first database to the user,  
 registration means, devised to register transactions performed by the user within said  
 service, and to store transaction data in a second database comprised in the  
 15 apparatus, said processing means being arranged to adapt said service to said user in  
 dependence of transactions stored in said second database relating to said user.
2. The system according to claim 1, wherein said apparatus comprises admini-  
 stration means, adapted for configuring said service to said user, said administration  
 20 means being adjustable from said user terminal.
3. The system according to claim 2, wherein said apparatus comprises identifi-  
 cation means, adapted for identification of said user to said apparatus.
- 25 4. The system according to claim 3, wherein said service is a program for train-  
 ing, knowledge maintenance and for offering knowledge support relating to a given  
 subject, said first database being a subject database in which information within said  
 subject is stored, and said second database being a user-specific knowledge database  
 in which data related to the knowledge level of the user is stored.
- 30 5. The system according to claim 4, wherein said processing means is arranged  
 to perform, within said service, various actions, including sending questions,  
 answers or examinations within said subject to said user, or receiving questions or  
 answers within said subject from said user, the processing means being arranged to  
 35 adapt the degree of difficulty of such questions and examinations in dependence of  
 the data registered in said knowledge database for said user.
6. The system according to claim 5, wherein said registration means is arranged  
 for registering all the transactions performed by the user within the service, and

wherein, for a specific stage within said subject, the processing means is arranged to investigate data stored in the knowledge database regarding this stage, and to adapt the action correspondingly.

5 7. The system according to claim 5, wherein said registration means is arranged to detect errors in answers from the user, and to register information about said errors in the knowledge database, whereby said processing means is arranged to design said training program in dependence of information stored in the knowledge database.

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8. The system according to claim 6 or 7, wherein said processing means of said training program is arranged to send questions to said user with a periodicity defined by the user in said administration means.

15 9. The system according to claim 6 or 7, wherein said processing means of said training program is arranged to send questions to said user with a periodicity dependent of information stored in the knowledge database.

20 10. The system according to claim 6 or 7, wherein said processing means of said training program is arranged to send questions to said user with a random periodicity.

25 11. The system according to claim 5, wherein data representing a predetermined knowledge level are stored in said knowledge database, and wherein said processing means is arranged to adapt the degree of difficulty of said questions and examinations in dependence of said predetermined knowledge level.

30 12. The system according to any one of the preceding claims, wherein the type of user terminal can be set by the user in said administration means.

13. The system according to claim 12, wherein said apparatus is arranged for receiving data from several different types of user terminal, defined in said administration means.

35 14. The system according to claim 12, wherein said apparatus is arranged for transmitting data to a type of user terminal that is defined in said administration means.

15. The system according to claim 13 or 14, wherein said apparatus is arranged for transmitting data, in dependence of data received from a transmitting user terminal, to the transmitting terminal.
- 5 16. The system according to claim 12, wherein said type of user terminal is a computer provided with a browser as the interface to the communications network.
17. The system according to claim 12, wherein said type of user terminal is a computer provided with a word processing program as the interface to the communications network.
- 10 18. The system according to claim 12, wherein said type of user terminal is a mobile phone.
- 15 19. The system according to claim 12, wherein said type of user terminal is a PDA.
20. The system according to claim 12, wherein said type of user terminal is a game console.
- 20 21. The system according to any one of the preceding claims, wherein said subject is a language.
22. The system according to any one of the preceding claims, wherein said service allows activation by the user, via said communications network, at a point in time selected by the user.
- 25 23. A method for individually adapted interactive training, knowledge maintenance and for offering knowledge support via a communications network, wherein a software-based service is arranged in an apparatus in said communications network, to which communications network a user can connect by means of a user terminal in order to utilise said service, and wherein a first database, for storage of data relating to said service, is connected to the apparatus, **characterised** by the steps of:
- the user sending first data to said apparatus;
  - 30 - information related to said first data being registered in a second database;
  - the apparatus processing second data from said first database in dependence of said first data from said second database; and
  - the apparatus sending said processed second data back to said user.

24. The method according to claim 23, wherein said service is a training program concerning a given subject, said first database being a subject database in which information within said subject is stored, and said second database being a user-specific knowledge database in which data relating to the knowledge level of the user is stored.
25. The method according to claim 24, wherein data representing a predetermined knowledge level are stored in said knowledge database.
26. The method according to claim 24 or 25, wherein said first data represent a statement or an answer to a question put by the apparatus regarding an aspect of said subject, and said second data represent a question regarding the same aspect of said subject, the apparatus adapting the degree of difficulty of the question in said second data in dependence of said first data.
27. The method according to claim 26, wherein the apparatus adapts the periodicity for sending the question in said second data in dependence of said first data.
28. The method according to claim 27, wherein the user configures, via said user terminal, the apparatus for individual adaptation of said service.
29. The method according to claim 28, wherein said apparatus registers all transactions performed by the user within the service.
30. The method according to claim 28, wherein said registration means detects errors in answers or statements from the user, and registers information about said errors in the knowledge database.